

Appl. No. : 10/063,596
Filed : May 3, 2002

AMENDMENTS TO THE CLAIMS

1-3. (Canceled).

4. (Currently Amended) ~~The An isolated polypeptide of Claim 1~~ having at least 95% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of SEQ ID NO:90;

(b) the amino acid sequence of the polypeptide of SEQ ID NO:90, lacking its associated signal peptide;

(c) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:90, wherein the extracellular domain is amino acids 29-50 or 125-140;

(d) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:90, wherein the extracellular domain is amino acids 29-50 or 125-140, lacking its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209399;

wherein said isolated polypeptide is more highly expressed in kidney tumor compared to normal kidney tissue, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in kidney tumor compared to normal kidney.

5. (Currently Amended) The isolated polypeptide of ~~Claim 1~~ Claim 4 having at least 99% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of SEQ ID NO:90;

(b) the amino acid sequence of the polypeptide of SEQ ID NO:90, lacking its associated signal peptide;

(c) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:90, wherein the extracellular domain is amino acids 29-50 or 125-140;

(d) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:90, wherein the extracellular domain is amino acids 29-50 or 125-140, lacking its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209399;

wherein said isolated polypeptide is more highly expressed in kidney tumor compared to normal kidney tissue, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in kidney tumor compared to normal kidney.

6. (Previously Presented) An isolated polypeptide comprising:

(a) the amino acid sequence of the polypeptide of SEQ ID NO:90;

(b) the amino acid sequence of the polypeptide of SEQ ID NO:90, lacking its associated signal peptide;

(c) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:90, wherein the extracellular domain is amino acids 29-50 or 125-140;

(d) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:90, wherein the extracellular domain is amino acids 29-50 or 125-140, lacking its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209399.

7. (Previously Presented) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide of SEQ ID NO:90.

8. (Previously Presented) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide of SEQ ID NO:90, lacking its associated signal peptide.

9. (Previously presented) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:90, wherein the extracellular domain is amino acids 29-50 or 125-140

10. (Previously presented) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:90, wherein the extracellular domain is amino acids 29-50 or 125-140, lacking its associated signal peptide.

11. (Previously presented) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209399.

12. (Currently Amended) A chimeric polypeptide comprising a polypeptide according to ~~Claim 1~~ Claim 4 fused to a heterologous polypeptide.

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13. (Currently Amended) The chimeric polypeptide of Claim 12, wherein said heterologous polypeptide is ~~an~~ a tag polypeptide or an Fc region of an immunoglobulin.

14. (New) An isolated polypeptide having at least 95% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of SEQ ID NO:90;

(b) the amino acid sequence of the polypeptide of SEQ ID NO:90, lacking its associated signal peptide; or

(c) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:90, wherein the extracellular domain is amino acids 29-50 or 125-140;

(d) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:90, wherein the extracellular domain is amino acids 29-50 or 125-140, lacking its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209399;

wherein said isolated polypeptide or a fragment thereof can be used to generate an antibody which can be used to specifically detect the polypeptide of SEQ ID NO:90 in kidney tissue samples.

15. (New) The isolated polypeptide of Claim 14 having at least 99% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of SEQ ID NO:90;

(b) the amino acid sequence of the polypeptide of SEQ ID NO:90, lacking its associated signal peptide; or

(c) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:90, wherein the extracellular domain is amino acids 29-50 or 125-140;

(d) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:90, wherein the extracellular domain is amino acids 29-50 or 125-140, lacking its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209399;

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wherein said isolated polypeptide or a fragment thereof can be used to generate an antibody which can be used to specifically detect the polypeptide of SEQ ID NO:90 in kidney tissue samples.

16. (New) A chimeric polypeptide comprising a polypeptide according to Claim 14 fused to a heterologous polypeptide.

17. (New) The chimeric polypeptide of Claim 16, wherein said heterologous polypeptide is a tag polypeptide or an Fc region of an immunoglobulin.